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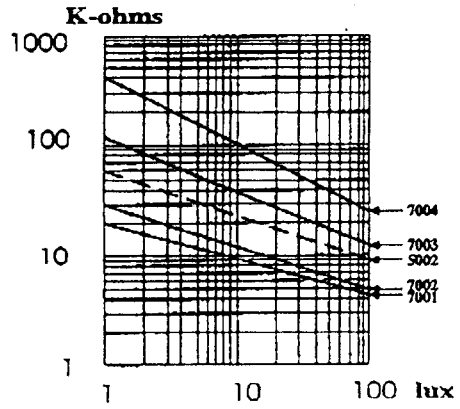
Plastic-coated Types (7P 10p Types)

Type No.	Out-line	Applied Voltage at 25℃ (Vdc)	Allowable Power Dissipation at 25℃ (mW)	Ambient Temperature Ta (℃)	Cell Resistance A			C	Response Time at 10 lx Ω	
					10 lx (at 2856K)		0 lx B	100 ~10 lx Typ.	Rise Time Type (ms)	Decay Time Typ. (ms)
					Min. (KΩ)	Max. (KΩ)	Min. (MΩ)			
7001		200	150	-30~+75	3.6	14.4	0.3	0.6	50	20
7002		200	150	-30~+75	4	20	0.5	0.65	55	20
7003		200	150	-30~+75	8	24	0.5	0.7	55	20
7004		200	150	-30~+75	15	60	0.5	0.7	60	25
7005		200	150	-30~+75	50	150	20	0.85	60	25
5001		350	400	-30~+75	8	16	0.3	0.6	55	25
5002		350	400	-30~+75	12	30	0.5	0.75	55	25
5003		350	400	-30~+75	12	58	1	0.75	55	25

· Cell resistance vs. illuminance



A.Measured with the light source of a tungsten lamp operated at a color temperature of 2856K.

B.Measured 10 seconds after removal of incident illuminance of 10 lux.

C.Gamma characteristic between 10 lux and 100 lux and gievn by

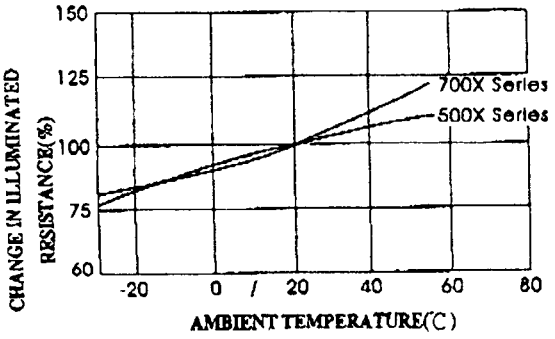
$$= \frac{\log(R100)-\log(R10)}{\log(E100)-\log(E10)}$$

Where R100, R10: cell resistances at 100 lux and 10 lux re spectively
E100, E10: illuminances of 100 lux and 10 lux respec tively

D.The rise time is the time required for the cell conductance to rise to 63% of the saturated level. The decay time is the time required for the cell conductance to decay from the saturated level to 37%.

E. All characteristics are measured with the light history conditions: the CdS cell is exposed to light (100 to 500 lux) for one to two hours.

· Cell resistance vs. temperature



· Out-line Dimension.